

09567863

FILE 'HOME' ENTERED AT 08:21:49 ON 14 MAY 2003

=> file biosis medline caplus wpids usptafull

'USPTAFULL' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):uspatfull

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'BIOSIS' ENTERED AT 08:22:31 ON 14 MAY 2003

COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'MEDLINE' ENTERED AT 08:22:31 ON 14 MAY 2003

FILE 'CAPLUS' ENTERED AT 08:22:31 ON 14 MAY 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 08:22:31 ON 14 MAY 2003

COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'USPATFULL' ENTERED AT 08:22:31 ON 14 MAY 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

*** YOU HAVE NEW MAIL ***

=> s kit (6a) electrode?

L1 182 KIT (6A) ELECTRODE?

=> s l1 and substrate

L2 45 L1 AND SUBSTRATE

=> s l2 and oligonucleotide

L3 6 L2 AND OLIGONUCLEOTIDE

=> d l6 bib abs 1-6

L6 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d l3 bib abs 1-6

L3 ANSWER 1 OF 6 USPATFULL

AN 2002:126263 USPATFULL

TI ELECTROCHEMICAL DETECTION OF SINGLE BASE EXTENSION

IN CHOONG, VI-EN, CHANDLER, AZ, UNITED STATES

SHI, SONG, PHOENIX, AZ, UNITED STATES

MARACAS, GEORGE, PHOENIX, AZ, UNITED STATES

GALLAGHER, SEAN, SCOTTSDALE, AZ, UNITED STATES

PI US 2002064775 A1 20020530

US 6518024 B2 20030211

AI US 1999-459685 A1 19991213 (9)

09567863

DT Utility
FS APPLICATION
LREP MCDONNELL BOEHNEN HULBERT & BERGHOFF, 300 SOUTH WACKER DRIVE, SUITE
3200, CHICAGO, IL, 60606
CLMN Number of Claims: 31
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 882

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to apparatus and methods for detecting single
base extension to an **oligonucleotide** array using
electrochemical labels.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 6 USPATFULL
AN 2002:116000 USPATFULL
TI Electrochemical detection of nucleic acid sequences
IN Henkens, Robert W., Beaufort, NC, United States
O'Daly, John P., Carrboro, NC, United States
Wojciechowski, Marek, Cary, NC, United States
Zhang, Honghua, San Diego, CA, United States
Naser, Najih, Orlando, FL, United States
Roe, R. Michael, Apex, NC, United States
Stewart, Thomas N., Durham, NC, United States
Thompson, Deborah M., Raleigh, NC, United States
Sundseth, Rebecca, Durham, NC, United States
Wegner, Steven E., Chapel Hill, NC, United States
PA Andcare, Inc., Durham, NC, United States (U.S. corporation)
PI US 6391558 B1 20020521
AI US 2000-549853 20000414 (9)
RLI Continuation-in-part of Ser. No. US 1998-44206, filed on 17 Mar 1998,
now abandoned
PRAI US 1997-40949P 19970318 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Riley, Jezia
LREP Akerman Senterfitt
CLMN Number of Claims: 27
ECL Exemplary Claim: 1
DRWN 22 Drawing Figure(s); 20 Drawing Page(s)
LN.CNT 4484

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An electrochemical detection system which specifically detects selected
nucleic acid segments is described. The system utilizes biological
probes such as nucleic acid or peptide nucleic acid probes which are
complementary to and specifically hybridize with selected nucleic acid
segments in order to generate a measurable current when an amperometric
potential is applied. The electrochemical signal can be quantified.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 6 USPATFULL
AN 2002:92240 USPATFULL
TI Carrier for gene detection and its use for detecting validity of
interferon therapy
IN Hijikata, Minako, Tokyo, JAPAN
Mishiro, Shunji, Tokyo, JAPAN
Oota, Yasuhiko, Tokyo, JAPAN
Hashimoto, Koji, Sagamihara-shi, JAPAN
PI US 2002048758 A1 20020425
AI US 2001-813031 A1 20010321 (9)

09567863

PRAI JP 2000-80955 20000322
JP 2001-62372 20010306
DT Utility
FS APPLICATION
LREP OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755
JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 5 Drawing Page(s)
LN.CNT 1602

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A carrier for gene detection as a means for prediction before treatment whether interferon therapy is valid or not for a patient, a method for detection of interferon therapy for an individual, an apparatus for gene detection, and a kit for detection of validity of interferon therapy.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 6 USPATFULL
AN 2001:155603 USPATFULL
TI Multi-array, multi-specific electrochemiluminescence testing
IN Wohlstadter, Jacob N., Rockville, MD, United States
Wilbur, James, Rockville, MD, United States
Sigal, George, Gaithersburg, MD, United States
Martin, Mark, Rockville, MD, United States
Guo, Liang-Hong, Laurel, MD, United States
Fischer, Alan, Cambridge, MA, United States
Leland, Jon, Silver Spring, MD, United States
Billadeau, Mark A., Mt. Airy, MD, United States
PA Meso Scale Technologies, LLC (U.S. corporation)
PI US 2001021534 A1 20010913
AI US 2001-771796 A1 20010129 (9)
RLI Continuation of Ser. No. US 1996-715163, filed on 17 Sep 1996, GRANTED, Pat. No. US 6207369 Continuation-in-part of Ser. No. US 1996-611804, filed on 6 Mar 1996, GRANTED, Pat. No. US 6066448 Continuation-in-part of Ser. No. US 1995-402076, filed on 10 Mar 1995, ABANDONED Continuation-in-part of Ser. No. US 1995-402277, filed on 10 Mar 1995, ABANDONED
DT Utility
FS APPLICATION
LREP Kramer Levin Naftalis & Frankel LLP, 919 THIRD AVENUE, NEW YORK, NY, 10022
CLMN Number of Claims: 74
ECL Exemplary Claim: 1
DRWN 39 Drawing Page(s)
LN.CNT 6383

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Materials and methods are provided for producing patterned multi-array, multi-specific surfaces for use in diagnostics. The invention provides for electrochemiluminescence methods for detecting or measuring an analyte of interest. It also provides for novel electrodes for ECL assays. Materials and methods are provided for the chemical and/or physical control of conducting domains and reagent deposition for use multiply specific testing procedures.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 6 USPATFULL
AN 2001:43927 USPATFULL
TI Multi-array, multi-specific electrochemiluminescence testing
IN Wohlstadter, Jacob N., Rockville, MD, United States
Wilbur, James, Rockville, MD, United States

09567863

Sigal, George, Gaithersburg, MD, United States
Martin, Mark, Rockville, MD, United States
Guo, Liang-Hong, Laurel, MD, United States
Fischer, Alan, Cambridge, MA, United States
Leland, Jon, Silver Spring, MD, United States
Billadeau, Mark A., Mt. Airy, MD, United States
PA Meso Scale Technologies, LLC, Gaithersburg, MD, United States (U.S.
corporation)
PI US 6207369 B1 20010327
AI US 1996-715163 19960917 (8)
RLI Continuation-in-part of Ser. No. US 1996-611804, filed on 6 Mar 1996,
now patented, Pat. No. US 6066448 Continuation-in-part of Ser. No. US
1995-402076, filed on 10 Mar 1995, now abandoned Continuation-in-part of
Ser. No. US 1995-402277, filed on 10 Mar 1995, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Chin, Christopher L.
LREP Kramer Levin Naftalis & Frankel LLP
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN 87 Drawing Figure(s); 47 Drawing Page(s)
LN.CNT 6321
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Materials and methods are provided for producing patterned multi-array,
multi-specific surfaces for use in diagnostics. The invention provides
for electrochemiluminescence methods for detecting or measuring an
analyte of interest. It also provides for novel electrodes for ECL
assays. Materials and methods are provided for the chemical and/or
physical control of conducting domains and reagent deposition for use
multiply specific testing procedures.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 6 USPATFULL
AN 2000:64674 USPATFULL
TI Multi-array, multi-specific electrochemiluminescence testing
IN Wohlstadter, Jacob N., Cambridge, MA, United States
Wilbur, James, Rockville, MD, United States
Sigal, George, Gaithersburg, MD, United States
Martin, Mark, Rockville, MD, United States
Guo, Liang-Hong, Laurel, MD, United States
Fischer, Alan, Cambridge, MA, United States
Leland, Jon, Silver Spring, MD, United States
PA Meso Sclae Technologies, LLC., Gaithersburg, MD, United States (U.S.
corporation)
PI US 6066448 20000523
AI US 1996-611804 19960306 (8)
RLI Continuation-in-part of Ser. No. US 1995-402076, filed on 10 Mar 1995
which is a continuation-in-part of Ser. No. US 1995-402277, filed on 10
Mar 1995
DT Utility
FS Granted
EXNAM Primary Examiner: Chin, Christian L.
LREP Whitman Breed Abbott & Morgan LLP
CLMN Number of Claims: 119
ECL Exemplary Claim: 1
DRWN 62 Drawing Figure(s); 26 Drawing Page(s)
LN.CNT 4770
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Materials and methods are provided for producing patterned multi-array,
multi-specific surfaces which are electronically excited for use in
electrochemiluminescence based tests. Materials and methods are provided

09567863

for the chemical and/or physical control of conducting domains and reagent deposition for use in flat panel displays and multiply specific testing procedures.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.